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Hide?	Hit Count		
	L11	xml parser and grammar	26
	L10	xml parser and (grammar near3 rule)	4
	L9	L8 and style sheet	15
	L8	XML and grammar and rule and parser	59
	L7	6336214	3
	L6	L3 and grammer	0
	L5	L3 and gramer	0
	L4	L3 and (xml and parser).ti.	0
	L3	L2 and style sheet	58
	L2	xml and parser and rules and transform\$	112
	L1	5572625.pn.	1

END OF SEARCH HISTORY

WEST Search History

Hide Items Restore Clear Cancel

DATE: Friday, July 09, 2004

Hide?	Hit Count		
	L14	grammer and style sheet	. 0
	L13	grammer near3 style sheet	0
	L12	L11 and l6	3
	L11	L8 and style sheet	55
	L10	L8 and 16	7
	L9	L8 and grammer	0
	L8	xml parser	136
	L7	L6 and parser	11
	L6	xml and (transform\$ near3 rule)	34
	L5	style sheet and grammer	0
	L4	stylesheet and grammer	0
	L3	L2 and xml	0
	L2	grammer near3 rule	20
	L1	xml and grammer	3

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 17:00:34 ON 09 JUL 2004)

	FILE	'INSP	EC.	, COMPENDEX' ENTERED AT 17:00:45 ON 09 JUL 2004
L1		2	S	XML AND GRAMMER
L2		256	S	XML AND PARS?
L3		0	S	L2 AND TRANSFORM? AND RULE
L4		2	S	L2 AND STYLE SHEET
L5		10	S	XML AND PARSER/TI
L6		2	S	XML AND PARSER AND XSL

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LOGINID:ssspta2309sxs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):3

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Web Page URLs for STN Seminar Schedule - N. America NEWS 1 "Ask CAS" for self-help around the clock NEWS 2 EXTEND option available in structure searching NEWS 3 May 12 NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus May 27 CAplus super roles and document types searchable in REGISTRY NEWS 6 STN Patent Forums to be held July 19-22, 2004 NEWS 7 Jun 22

NEWS 8 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT NEWS 9 Jun 28 ANTE, ACHAINE, BLOENG, CIVILENG, ENVIRORNG, MECHENG.

NEWS 9 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 17:00:34 ON 09 JUL 2004

=> file inspec, compendex COST IN U.S. DOLLARS

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=> s xml and grammer L1 2 XML AND GRAMMER

=> d all 1-2

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L1 ANSWER 1 OF 2 COMPENDEX COPYRIGHT 2004 EEI on STN AN 2004(26):7488 COMPENDEX

- TI e-learning for english based on multimedia database and internet.
- ΑU Wang, Ying-Hong (Department of Computer Science Tamkang University, Tamshui, Taiwan)
- SO Tamkang Journal of Science and Engineering v 4 n 1 March 2001 2001.p 19-36 ISSN: 1560-6686
- PΥ 2001
- DTJournal
- TC General Review
- LA English
- In this time of Internet delivery, learning through Internet will be AΒ popular and enhance the efficiency of teaching. This paper presents an Internet-based distance learning system for English learning through multimedia database and Internet technologies, it is called "multimedia English corpus". It includes two major learning functions. One of them provides Articles, Dialogs, and Videos databases in English. An English learner can study English writing, reading, and listing by Web browser to connect the Corpus server. In the system, "semantic query" and "Link grammar annotation" are applied. It can promote the query level from keyword-base and content-based query to semantic level. These skills of "semantic query" and "link grammar" have been used to construct the English multimedia corpus system. The main function of this system is to query the English sentence pattern by keywords from the English multimedia corpus. And the other function is to detect the grammar error in the sentence, which is written by student. It does not only provide learners to find their mistakes of English grammar, but also the teachers can understand the most frequent mistakes made by learners through the records of this corpus. 32 Refs.
- CC 723.4 Artificial Intelligence; 723.5 Computer Applications; 723.3 Database Systems; 716.4 Television Systems and Equipment; 723.2 Data Processing; 722 Computer Hardware
- CT*Learning systems; XML; Linguistics; Television; Internet; Natural language processing systems; Content based retrieval; Servers; Multimedia systems; Database systems; Hypermedia systems
- STEnglish learning; English grammer; Distance learning; Link grammers
- L1ANSWER 2 OF 2 COMPENDEX COPYRIGHT 2004 EEI on STN 2003(32):2420 COMPENDEX
- AN
- TIExtreme parsing.
- ΑU Downey, Kyle F.
- SO Dr. Dobb's Journal v 28 n 8 August 2003 2003.p 33-37 CODEN: DDJTEQ ISSN: 1044-789X
- ΡY 2003
- DTJournal
- TC Theoretical
- LAEnglish
- AB The application of extreme programming (XP) core principles technique in parser development is discussed. XP principle forces to use the minimum grammer representation that covers the full specification and nothing else thus making the design simple. XP also helps to automate the parser/lexer generation and code compilation. (Edited abstract)
- 723.1 Computer Programming; 723.2 Data Processing; 921.4 Combinatorial Mathematics (Includes Graph Theory, Set Theory) CC
- *Software engineering; Computer programming; Program compilers; Codes (symbols); XML; Trees (mathematics) CT
- STExtreme programming (XP); Parsers

=> xml and pars?

XML IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> s xml and pars?

L2 256 XML AND PARS?

=> s 12 and transform? and rule

L3 0 L2 AND TRANSFORM? AND RULE

=> s 12 and style sheet

L4 2 L2 AND STYLE SHEET

=> d all 1-2

L4 ANSWER 1 OF 2 INSPEC (C) 2004 IEE on STN

AN 2002:7213781 INSPEC DN C2002-04-7140-048

TI DICOM Structured Reporting: an object model as an implementation boundary.

AU Clunie, D.A.

SO Proceedings of the SPIE - The International Society for Optical Engineering (2001) vol.4323, p.207-15. 4 refs.

Published by: SPIE-Int. Soc. Opt. Eng

Price: CCCC 0277-786X/01/\$15.00 CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(2001)4323L.207:DSRO;1-E

Conference: Medical Imaging 2001: PACS and Integrated Medical Information

Systems: Design and Evaluation. San Diego, CA, USA, 20-22 Feb 2001

Sponsor(s): SPIE

DT Conference Article; Journal

TC Practical

CY United States

LA English

AB DICOM Structured Reporting (SR) provides for encoding and interchanging structured information that may reference images, waveforms or other composite objects, in traditional reporting applications as well as for logs, measurements and CAD results. DICOM SR differs from generic content encoding approaches like XML, in that it supports coded entries, values that are strongly typed, and explicit relationships. DICOM structured reports (like images and waveforms) are composite objects that can be stored, transmitted and queried. The traditional DICOM binary encoding is used to encode structured reports. The structure and content of the SR tree should be accessible regardless of the internal or external representation. XML parsers and XSL-T tree transformation engines that can be used for data entry, presentation

transformation engines that can be used for data entry, presentation (display and printing) and trans-coding (to HL7 2.x and HL7 Clinical Document Architecture (CDA)) need to be interfaced with DICOM tools that support encoding, transmission, storage and retrieval. Issues associated with establishing the appropriate boundaries between tools are discussed, as are how and when to internalize a DICOM SR in an actual or virtual XML representation, the characteristics of such a representation, and the use of SAX events or the Document Object Model (DOM) to drive style-sheet driven tree transformation engines.

C7140 Medical administration; C6130D Document processing techniques; C7330 Biology and medical computing

CT GRAMMARS; HYPERMEDIA MARKUP LANGUAGES; PACS

ST DICOM Structured Reporting; structured information encoding; structured information interchange; images; waveforms; composite objects; object model; measurements; logs; CAD results; coded entries; strongly typed values; explicit relationships; Structured Reporting tree; XML parsers; XSL-T tree transformation engines; trans-coding; data entry; presentation; transmission; storage; retrieval; Document Object Model; SAX events; drive style sheet driven tree transformation engines

- L4 ANSWER 2 OF 2 COMPENDEX COPYRIGHT 2004 EEI on STN
- AN 2001(51):2214 COMPENDEX
- TI DICOM structured reporting: An object model as an implementation boundary.

AU Clunie, D.A.

CC

MT Medical Imaging 2001- PACS and integrated Medical Information Systems:

Design and Evaluation. MO SPIE MLSan Diego, CA, United States 20 Feb 2001-22 Feb 2001 MD SO Proceedings of SPIE - The International Society for Optical Engineering v 4323 2001.p 207-215 CODEN: PSISDG ISSN: 0277-786X PY 2001 MN 58755 DT Conference Article TC General Review LA English AB DICOM Structured Reporting (SR) provides for encoding and interchanging structured information that may reference images, waveforms or other composite objects, in traditional reporting applications as well as for logs, measurements and CAD results. DICOM SR differs from generic content encoding approaches like XML, in that it supports coded entries, values that are strongly typed, and explicit relationships. DICOM structured reports (like images and waveforms) are composite objects that can be stored, transmitted and queried. The traditional DICOM binary encoding is used to encode structured reports. The structure and content of the SR tree should be accessible regardless of the internal or external representation. XML parsers and XSL-T tree transformation engines that can be used for data entry, presentation (display and printing) and trans-coding (to HL7 2.x and HL7 Clinical Document Architecture (CDA)) need to be interfaced with DICOM tools that support encoding, transmission, storage and retrieval. Issues associated with establishing the appropriate boundaries between tools are discussed, as are how and when to internalize a DICOM SR in an actual or virtual XML representation, the characteristics of such a representation, and the use of SAX events or the Document Object Model (DOM) to drive style-sheet driven tree transformation engines. 4 Refs. CC 723.2 Data Processing; 723.5 Computer Applications CT*Image coding; Computer aided design; Computer architecture; XML ; Search engines STStructured reporting; Document object model EΤ => s xml and parser/ti L510 XML AND PARSER/TI => d 1-10 ti L5 ANSWER 1 OF 10 INSPEC (C) 2004 IEE on STN XML parser usability and performance. L5 ANSWER 2 OF 10 INSPEC (C) 2004 IEE on STN TI Design and implementation of the DTD-based XML parser. L5 ANSWER 3 OF 10 INSPEC (C) 2004 IEE on STN TΙ Java-based design and implementation of the XML parser ANSWER 4 OF 10 INSPEC (C) 2004 IEE on STN L_5 ΤI Design and implementation of the extensible markup language parser L5 ANSWER 5 OF 10 INSPEC (C) 2004 IEE on STN Pattern-based design and implementation of an XML and RDF TIparser and interpreter: a case study.

ANSWER 6 OF 10 INSPEC (C) 2004 IEE on STN

A better XML parser through functional programming.

L5

TI

- L5 ANSWER 7 OF 10 INSPEC (C) 2004 IEE on STN
- TI Realization of syntactic parser for inflectional language using **XML** and regular expressions.
- L5 ANSWER 8 OF 10 INSPEC (C) 2004 IEE on STN
- TI A simple XML parser.
- L5 ANSWER 9 OF 10 COMPENDEX COPYRIGHT 2004 EEI on STN
- TI Development of XML parser in XML-based network management conformance test.
- L5 ANSWER 10 OF 10 COMPENDEX COPYRIGHT 2004 EEI on STN
- TI Design and Implementation of the DTD-based XML Parser.
- => d all 1-10
- L5 ANSWER 1 OF 10 INSPEC (C) 2004 IEE on STN
- AN 2004:7849846 INSPEC DN C2004-03-6150C-003
- TI XML parser usability and performance.
- AU Wilson, M.
- SO Windows Developer Magazine (April 2003) vol.14, no.4, p.8-17. 12 refs. Published by: CMP Media LLC CODEN: WDMIA9 ISSN: 1083-9887 SICI: 1083-9887 (200304)14:4L.8:PUP;1-G
- DT Journal
- TC Practical
- CY United States
- LA English
- AB This article aims to measure the usefulness of various parsers from the perspective of C++ programming. This usefulness comprises both a quantitative analysis of performance efficiency, and a qualitative analysis based on simplicity, flexibility, and ease of use. The parsers I examine include the DOM (Document Object Model) parsers: libxml (via its C++ wrapper, libxml++), Apache's Xerces, and Microsoft's MSXML. This study is broadly aimed at DOM, since DOM is more useful to the C++ programmer with regard to supporting sophistication in the application's manipulation of the XML data as objects. I also look at the SAX parser in MSXML only to give a sense of the difference in speed between the two programming models, since by the nature of their event-based behavior, SAX parsers are able to be much faster than DOM parsers. All four parsers are freely available. I also take a look at one commercially available parser from Phidani Software, XMLBooster, which provides neither DOM nor SAX but is instead a parser generator, creating customized parser code from input schemas (or DTDs).
- CC C6150C Compilers, interpreters and other processors; C6150G Diagnostic, testing, debugging and evaluating systems; C6110J Object-oriented programming
- CT C++ LANGUAGE; OBJECT-ORIENTED PROGRAMMING; PROGRAM COMPILERS; SOFTWARE PERFORMANCE EVALUATION
- ST XML parser usability; XML parser performance; C++
 programming; performance efficiency; libxml; Document Object Model
 parsers; Apache Xerces; Microsoft MSXML; event-based behavior;
 Phidani Software XML Booster; parser generator
- L5 ANSWER 2 OF 10 INSPEC (C) 2004 IEE on STN
- AN 2004:7831659 INSPEC DN C2004-02-6130D-017
- TI Design and implementation of the DTD-based XML parser.
- AU Kai Ning; Luoming Meng (Nat. Lab of Switching Technol. & Telecommun. Networks, Beijing Univ. of Posts & Telecommun., China)
- SO ICCT 2003. 2003 International Conference on Communication Technology. Proceedings (IEEE Cat. No.03EX659)
 Beijing, China: Beijing Univ. Posts & Telecommun. Press, 2003. p.1634-7

vol.2 of 2 vol.1945 pp. 5 refs. Also available on CD-ROM in PDF format Conference: Beijing, China, 9-11 April 2003 Sponsor(s): China Inst. Commun. (CIC); Chinese Inst. Electron. (CIE) ISBN: 7-5635-0686-1

DT Conference Article

TC Practical CY China

LA English

AB According to the requirements of the XML-based network management interface testing system and the syntax and semantic rules of XML, a design scheme for DTD-based XML parser is proposed in this paper. Meanwhile, an implementation method for DTD-based XML parser based on the outlined design scheme is also presented.

CC C6130D Document processing techniques; C5620 Computer networks and techniques

CT COMPUTER NETWORK MANAGEMENT; GRAMMARS; NETWORK INTERFACES; PROGRAMMING LANGUAGE SEMANTICS; XML

ST DTD-based XML parser; XML-based network management interface testing system; syntax; semantic rules; design scheme; implementation method; document type declaration

L5 ANSWER 3 OF 10 INSPEC (C) 2004 IEE on STN

AN 2003:7606206 INSPEC DN C2003-06-6140D-005

TI Java-based design and implementation of the XML parser

AU Shen Jun (Dept. of Comput. Sci. & Eng., Southeast Univ., Nanjing, China); Gu Guan-qun

SO Mini-Micro Systems (Dec. 2002) vol.23, no.12, p.1449-52. 8 refs. Published by: Mini-Micro Syst., China CODEN: XWJXEH ISSN: 1000-1220

SICI: 1000-1220(200212)23:12L.1449:JBDI;1-6

DT Journal

TC Practical

CY China

LA Chinese

- As a standard, XML defines the structure of data by open self-description, implements independence between data represented and data content. It has great flexibility. On the other hand, XML has good extensibility, permits every body to create theirs markup collect and quickly makes individual applications. Therefore, XML and its related techniques will breathe new energy into Web applications, electronic commerce, data integrated of heterogeneous data sources, mobile computing, accelerate the progress of digitizing industries. The XML parser is the foundation of XML applications. This paper gives a brief introduction to a java-based XML parser that conforms to XML specification and supports DOM API. The system design and implementation algorithms of the parser are presented in this paper. Some future researches are given too.
- CC C6140D High level languages; C6110J Object-oriented programming; C6150C Compilers, interpreters and other processors
- CT GRAMMARS; HYPERMEDIA MARKUP LANGUAGES; JAVA
- ST XML; XML parser; mobile computing; API
- L5 ANSWER 4 OF 10 INSPEC (C) 2004 IEE on STN
- AN 2002:7478678 INSPEC DN C2003-01-4210L-027
- TI Design and implementation of the extensible markup language parser
- AU Ding Feng; Wang Yu; Shen Junyi; Qi Yong (Sch. of Electron. & Inf. Eng., Xi'an Jiaotong Univ., China)
- SO Journal of Xi'an Jiaotong University (Aug. 2002) vol.36, no.8, p.867-70. 5 refs.

Published by: Editorial Board J. of Xi'an Jiaotong Univ

CODEN: HCTPDW ISSN: 0253-987X

SICI: 0253-987X(200208)36:8L.867:DIEM;1-N

- DT Journal
- TC Practical
- CY China
- LA Chinese
- AB To parse data in a extensible markup language (XML) document, a general parser named XMLP is designed and implemented. Any XML document will be parsed, validated and serialized by the XMLP. The function of parsing includes document object model (DOM) parsing and simple API for XML (SAX) parsing. An optimized way of DOM parsing, named deferred expanding, is provided with less memory than common DOM parsing. The function of validation includes the validation against document type definitions or XML schemas, no matter whether they are inside or outside of the parsed documents. The function of serialization includes ways about DOM and SAX.
- CC C4210L Formal languages and computational linguistics; C6150G Diagnostic, testing, debugging and evaluating systems
- CT APPLICATION PROGRAM INTERFACES; GRAMMARS; HYPERMEDIA MARKUP LANGUAGES; PROGRAM VERIFICATION
- ST extensible markup language; XML document; XMLP; validating function; Parse; document object model; API; SAX parsing; DOM parsing
- L5 ANSWER 5 OF 10 INSPEC (C) 2004 IEE on STN
- AN 2002:7374747 INSPEC DN C2002-10-6150C-021
- TI Pattern-based design and implementation of an **XML** and RDF parser and interpreter: a case study.
- AU Neumann, G. (Dept. of Inf. Syst., Vienna Univ. of Econ., Austria); Zdun, U.
- SO ECOOP 2002 Object Oriented Programming. 16th European Conference. Proceedings (Lecture Notes in Computer Science Vol.2374)
 Editor(s): Magnusson, B.
 Berlin, Germany: Springer-Verlag, 2002. p.392-414 of xi+635 pp. 34 refs.
 Conference: Malaga, Spain, 10-14 June 2002
 ISBN: 3-540-43759-2
- DT Conference Article
- TC Practical
- CY Germany, Federal Republic of
- LA English
- AΒ Software patterns have been widely promoted as a means of conveying practical design knowledge in a reusable fashion. Several approaches for providing better implementation variants of certain patterns have been presented. These approaches promise great advantages for flexibility, traceability, and reusability of pattern implementations. However, there are only a few larger practical case studies of these concepts available. A case study of a component framework for flexible processing of markup languages in the object-oriented scripting language XOTcl is presented. The language offers high-level means and architectural support for component integration ("component glueing"), introspection, language dynamics, and message interception techniques. These language constructs enable developers to extend the language with pattern implementations, and so to provide language support for certain pattern fragments. As a case study domain we discuss an extensible and flexible framework for XML/RDF parsing and interpretation that was developed and evolved over a period of three years and is now in use in numerous applications.
- CC C6150C Compilers, interpreters and other processors; C6110J Object-oriented programming; C6130M Multimedia; C6140D High level languages
- CT HYPERMEDIA MARKUP LANGUAGES; OBJECT-ORIENTED METHODS; OBJECT-ORIENTED PROGRAMMING; PROGRAM COMPILERS; PROGRAM INTERPRETERS
- ST pattern based design; case study; component framework; flexible processing; markup language; object-oriented scripting language; XOTcl; architectural support; component integration; component glueing; introspection; language dynamics; message interception; developers; pattern implementation; pattern fragments; XML/RDF parser; XML/RDF interpreter; Resource Description Framework

- L5 ANSWER 6 OF 10 INSPEC (C) 2004 IEE on STN
- AN 2002:7300658 INSPEC DN C2002-07-6150C-010
- TI A better XML parser through functional programming.
- AU Kiselyov, O. (Software Eng., Naval Postgraduate Sch., Monterey, CA, USA)
- Practical Aspects of Declarative Languages. 4th International Symposium, PADL 2002. Proceedings (Lecture Notes in Computer Science Vol.2257) Editor(s): Krishnamurthi, S.; Ramakrishnan, C.R. Berlin, Germany: Springer-Verlag, 2002. p.209-24 of viii+349 pp. 14 refs. Conference: Portland, OR, USA, 19-20 Jan 2002
 - Sponsor(s): COMPULOG AMERICAS ISBN: 3-540-43092-X
- DT Conference Article
- TC Practical
- CY Germany, Federal Republic of
- LA English
- AΒ This paper demonstrates how a higher-level, declarative view of XML parsing as folding over XML documents has helped to design and implement a better XML parser. By better we mean a full-featured, algorithmically optimal, pure-functional parser, which can act as a stream processor. By better we mean an efficient SAX parser that is easy to use, a parser that does not burden an application with the maintenance of a global state across several callbacks, a parser that eliminates classes of possible application errors. This paper describes such better XML parser, SSAX. We demonstrate that SSAX is a better parser by comparing it with several XML parsers written in various (functional) languages, as well as with the reference XML parser Expat. In the experience of the author the declarative approach has greatly helped in the development of SSAX. We argue that the more expressive, reliable and easier to use application interface is the outcome of implementing the parsing engine as an enhanced tree fold combinator, which fully captures the control pattern of the depth-first tree traversal.
- CC C6150C Compilers, interpreters and other processors; C6150E General utility programs; C6140D High level languages; C4210L Formal languages and computational linguistics
- CT APPLICATION PROGRAM INTERFACES; FUNCTIONAL PROGRAMMING; GRAMMARS; HYPERMEDIA MARKUP LANGUAGES; PROGRAM COMPILERS; TREE SEARCHING
- XML parser; declarative view; XML document folding; functional programming; full-featured algorithmically optimal pure functional parser; stream processor; efficient SAX parser; SSAX; Expat; application interface; parsing engine; enhanced tree fold combinator; control pattern; depth-first tree traversal
- L5 ANSWER 7 OF 10 INSPEC (C) 2004 IEE on STN
- AN 2001:6911836 INSPEC DN C2001-06-6180N-010
- TI Realization of syntactic parser for inflectional language using **XML** and regular expressions.
- AU Trabalka, M.; Bielikova, M. (Dept. of Comput. Sci. & Eng., Slovak Univ. of Technol., Bratislava, Slovakia)
- SO Text, Speech and Dialogue. Third International Workshop, TSD 2000.
 Proceedings (Lecture Notes in Artificial Intelligence Vol.1902)
 Editor(s): Sojka, P.; Kopecek, I.; Pala, K.
 Berlin, Germany: Springer-Verlag, 2000. p.63-8 of xiii+463 pp. 6 refs.
 Conference: Brno, Czech Republic, 13-16 Sept 2000
 ISBN: 3-540-41042-2
- DT Conference Article
- TC Practical
- CY Germany, Federal Republic of
- LA English
- AB The authors present a method of syntactic parsing for inflectional language. This method consists of several steps including morphological and syntactical levels of analysis. We proposed a bottom-up model of syntactic analysis of the sentence. Its advantage is in the case of an

- ill-formed sentence because the analyser is still able to parse at least parts of the sentence. We describe also experimental implementation of the proposed method, which is based on the use of **XML** and regular expressions.
- CC C6180N Natural language processing; C4210L Formal languages and computational linguistics; C6130D Document processing techniques; C6130M Multimedia; C7240 Information analysis and indexing
- CT COMPUTATIONAL LINGUISTICS; FORMAL LANGUAGES; GRAMMARS; HYPERMEDIA MARKUP LANGUAGES; NATURAL LANGUAGES
- ST syntactic parser; inflectional language; **XML**; regular expressions; syntactic parsing; syntactical levels; bottom-up model; syntactic analysis; ill-formed sentence; experimental implementation
- L5 ANSWER 8 OF 10 INSPEC (C) 2004 IEE on STN
- AN 1999:6378970 INSPEC DN C1999-11-6140D-032
- TI A simple XML parser.
- AU Andrivet, S.
- SO C/C++ Users Journal (July 1999) vol.17, no.7, p.22, 24, 26-8, 30, 32. 9 refs.
 - Published by: Miller Freeman CODEN: CCUJEX ISSN: 1075-2838
 - SICI: 1075-2838(199907)17:7L.22:SP;1-W
- DT Journal
- TC Practical
- CY United States
- LA English
- AB HTML has shown the power of a portable display markup language.

 XML is now extending that power to data with arbitrarily complex structures. XML is a text based, hierarchical format that has the advantage of both the binary and text based worlds. It's easy to use but is also powerful. Even if it was primarily designed for the Web, it can be used for any application that needs to store data or communicate with other applications. The article presents a simple XML parser that implements a subset of the XML specification. The goal is not to have the best or the most complete XML parser, but simply to have one, as small and as easy-to-use as possible.
- CC C6140D High level languages; C6130D Document processing techniques; C6130M Multimedia; C4210L Formal languages and computational linguistics
- CT GRAMMARS; HYPERMEDIA MARKUP LANGUAGES; TEXT ANALYSIS
- ST simple XML parser; HTML; portable display markup language; arbitrarily complex structures; text based hierarchical format; Web; XML specification
- L5 ANSWER 9 OF 10 COMPENDEX COPYRIGHT 2004 EEI on STN
- AN 2004 (26):4771 COMPENDEX
- TI Development of **XML** parser in **XML**-based network management conformance test.
- AU Dong, Wen-Li (Comp. Sci. and Technol. Sch. Beijing Univ. of Posts and Telecom., Beijing 100876, China); Meng, Luo-Ming; Lin, Wei; Ning, Kai; Chen, Yi-Gen
- SO Beijing Youdian Daxue Xuebao/Journal of Beijing University of Posts and Telecommunications v 27 n 1 February 2004 2004.p 89-92 CODEN: BYXBEV ISSN: 1007-5321
- PY 2004
- DT Journal
- TC Application
- LA Chinese
- AB XML parse is the key part of XML-based network management interface conformance test, the parser can read and parse a XML file. According to XML characteristic, XML parser suitable for XML network management conformance test is developed. This parser can carry on morphological analysis, syntactic analysis and semantic analysis to XML file, and can offer the data information for test system. 4 Refs.

```
CC
     723 Computer Software, Data Handling and Applications; 912.2 Management
     *XML; Management; Computer networks
CT
     Network management; Conformance test; Document type definition;
st
     XML parse
     ANSWER 10 OF 10 COMPENDEX COPYRIGHT 2004 EEI on STN
L5
     2004(15):8780 COMPENDEX
AN
     Design and Implementation of the DTD-based XML Parser.
TI
     Ning, Kai (Natl. Lab. Switching Technol./T.N. Beijing Univ. of
ΑU
     P./Telecom., Beijing 100876, China); Meng, Luoming
MT
     2003 International Conference on Communication Technology, ICCT 2003.
     China Institute of Communications (CIC); Chinese Institute of Electronics
MO
     (CIE); IEEE COMSOC
ML
     Beijing, China
     International Conference on Communication Technology Proceedings, ICCT v 2
SO
     2003.p 1634-1637
PΥ
     2003
MN
     62559
DT
     Conference Article
TC
     Theoretical
LA
     English
     According to the requirements of the XML-based network
AB
     management interface testing system and the syntax and semantic rules of
     XML, a design scheme for DTD-based XML parser is
     proposed in this paper. Meanwhile, an implementation method for DTD-based
     XML parser based on the outlined design scheme is also presented.
CC
     723 Computer Software, Data Handling and Applications; 716 Electronic
     Equipment, Radar, Radio and Television; 722.2 Computer Peripheral
     Equipment; 902.2 Codes and Standards; 723.5 Computer Applications; 723.1
     Computer Programming
CT
     *XML; Mathematical models; Computer aided design; Program
     documentation; Data reduction; Arrays; Computer networks; Interfaces
     (computer); SGML; World Wide Web
ST
     DTD; Well-formedness; Validity; XML-based network management
     interface
=> d his
     (FILE 'HOME' ENTERED AT 17:00:34 ON 09 JUL 2004)
     FILE 'INSPEC, COMPENDEX' ENTERED AT 17:00:45 ON 09 JUL 2004
              2 S XML AND GRAMMER
L1
L2
            256 S XML AND PARS?
              0 S L2 AND TRANSFORM? AND RULE
L3
              2 S L2 AND STYLE SHEET
L4
L5
             10 S XML AND PARSER/TI
=> s xml and parser and xsl
             2 XML AND PARSER AND XSL
L6
=> d all
L6
     ANSWER 1 OF 2 INSPEC (C) 2004 IEE on STN
     2004:7832205 INSPEC
                              DN C2004-02-7120-028
AN
     Bridging the gap between the data warehouse and XML.
ΤI
     Burnell, D. (The Children's Soc., UK); Al-Zobaidie, A.; Windall, G.
ΑU
     Proceedings. 14th International Workshop on Database and Expert Systems
     Applications
     Los Alamitos, CA, USA: IEEE Comput. Soc, 2003. p.241-6 of xxi+987 pp. 20
     refs.
     Conference: Prague, Czech Republic, 1-5 Sept 2003
     Price: CCCC 0-7695-1993-8/03/$17.00
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ISBN: 0-7695-1993-8 Conference Article

TC Application; Practical

CY United States

LA

DT

- AΒ This paper considers the production of a Web based income and expenditure reporting and forecasting system for a national children's charity. The reporting element was deigned to enable cost centre to view and base business decisions on accurate and up to date financial information. The forecasting element of the system allows costcentre managers to inform the central finance department of their current financial situation. Based on consideration of the available Web technologies, a case is presented here for using a flexible model of Web delivery and offline accessibility, through the use of ADO, MSXML parser, JavaScript, ASP, XML and XSL(T). The approach is "future focused" and allows for rapid migration to new platforms in response to changes within both the industry, and the business e.g. WAP, PDA. The combined approach presented here results in an implementation where each independent technology is sued to do what it does best: the speed of SQL combined with the flexibility and portability of XML. BBM is currently in operation at The Children's Society (TCS) Headquarters and is serving the reporting and forecasting needs of approximately 150 budget holders based across the country.
- CC C7120 Financial computing; C6160Z Other DBMS; C6150N Distributed systems
- CT ACCOUNTS DATA PROCESSING; BUSINESS DATA PROCESSING; CLIENT-SERVER SYSTEMS; DATA HANDLING; DATA MINING; DATA STRUCTURES; DATA WAREHOUSES; HYPERMEDIA MARKUP LANGUAGES; INTERNET
- STdata warehouse; XML; Web based income and expenditure reporting and forecasting system; business decisions; financial information; finance department; financial situation; Web delivery; offline accessibility; ADO; MSXML parser; JavaScript; ASP; The Childrens Society

=> d all 2

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ANSWER 2 OF 2 INSPEC (C) 2004 IEE on STN 2002:7338799 INSPEC DN C2002-09-61301 AN DN C2002-09-6130D-004

ΤI Handling character entities in XSLT 1.0.

Rendon, Z. ΑU

SO Markup Languages: Theory & Practice (Summer 2001) vol.3, no.3, p.250 Published by: MIT Press

Price: CCCC 1099-6621/01/\$8.00 CODEN: MLTPFG ISSN: 1099-6621

SICI: 1099-6621 (200122) 3:3L.250:HCEX;1-C

DTJournal

TC Practical

CY United States

LΑ

- AB Character entities in the XML source have always been a bit hard to deal with, and with XSLT (Extensible Stylesheet Language Transformations), they are almost impossible. The problem is that source data character entities are never really seen by the XSLT processor. They are resolved by the XML parser before they reach the XSLT processor, so the only thing XSLT can see is the final resolved string, as defined in the character entity declaration. XSLT provides a way to read the pre-resolved value by using the disable-output-escaping attribute. However, this attribute is only valid on xsl:value-of and xsl:text elements. There is a way to process character entities, but it requires a bit of hacking to get the XML parser to work for you.
- C6130D Document processing techniques; C6130M Multimedia; C6140D High level languages
- CHARACTER SETS; HYPERMEDIA MARKUP LANGUAGES

ST character entity handling; XSLT 1.0; Extensible Stylesheet Language Transformations; source data; **XML parser**; final resolved string; pre-resolved value; hacking; character entity declaration

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| L1 | | 2 | S | XML | AND | GRAI | MMER | | | | | | | |
| L2 | | 256 | S | XML | AND | PAR | Ş? | | | | | | | |
| L3 | | 0 | S | L2 A | AND | TRAN | SFOR | M? A | ND I | RULE | | | | |
| L4 | | 2 | S | L2 A | DNA | STYL | E SH | EET | | | | | | |
| L5 | | 10 | S | XML | AND | PAR | SER/ | TI | | | | | | |
| L6 | | 2 | S | XML | AND | PAR | SER | AND | XSL | | | | | |